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## Bickelhaupt S., Cattin R., Raible S., Froehlich J.M., Bouquet H., Bill U., Patak M.A.

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## Burger I.A., Vargas H.A., Donati O.F., Andikyan V., Schoder H., Chi D., Sala E., Hricak H.

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## Cazzato R., Piccolo C.L., Del Vescovo R., Giurazza F., Grasso R.F., Beomonte Zobel B.

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**Ciolina M., De Cecco C., Baldassari P., Iannitti M., Pichi A., Iafrate F., Laghi A.**  
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**Colantoni C., Esposito A., Palmisano A., De Cobelli F., Baratto F., Maccabelli G., Della Bella P., Del Maschio A.**

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**Colantoni C., Venturini M., Modorati G., Colucci A., Di Nicola M., Agostini G., De Cobelli F., Bandello F., Del Maschio A.**

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**Colin C., Foray N., De Vathaire F., Bourguignon M., Valette P.**

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**Colombo M., Ippolito D., Bonaffini P.A., Trattenero C., Bartolo V., Sironi S.**

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**De Bondt T., Collier Q., Salgado R., Geldof M., Deferme F., Valette J., Jomier A., Van Hecke W., Parizel P.M.**

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## Delavaud C., D'Assignies G., Cros J.,

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## den Dekker M.A.M., van den Dungen J.J.A.M.,

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## den Dekker M.A.M., Zwiers M., van den

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## Dettmer S., Kaireit T., Solyanik O., de Wall C.,

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## Dharampal A.S., Rossi A., Dedic A.,

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## Dharampal A.S., Papadopoulou S.L., Rossi A.,

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Feijter P.J., Krestin G.P.  
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## Di Clemente L., Tortora D., Panara V.,

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**Di Girolamo M., Cantone C., Pandolfi E.M., Persechino R., Caporilli Razza F., David V.**  
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**Di Girolamo M., Trucchi A., Mariani S., Muscogiuri G., Casazza I., David V.**  
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**Dietzel M., Baltzer P.A.T., Kaiser W.A.**  
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**Dietzel M., Saake M., Baltzer P.A.T., Lang S., Volbers B., Struffert T., Engelhorn T., Dörfler A.**  
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**Ding Z., Wang Z.**  
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**Doo K., Kang E., Yong H., Woo O., Lee K., Oh Y.**  
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**Duijm L.E.M., den Heeten G.J., Nederend J., Broeders M.J.M.**  
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**Durmus T., Luhur R., Blobel J., Mews J., Lembcke A.**  
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**Ebersberger U., Marcus R.P., Schoepf U.J., Blanke P., Wang Y., Geyer L., McQuiston A.D., Bernhardt D., Bamberg F.**  
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**Ebersberger U., Halligan W.T., Morris P.B., Mischen B.T., Chiaramida S.A., Schoepf U.J.**  
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## Etxano J., Simon-Yarza I., Viteri G., Paramo M., Elizalde A., Pina Insausti L.J.

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## Faggioni L., Neri E., Bruschini L., Seccia V., Sellari Franceschini S., Bartolozzi C.

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## Fanelli F., Cannavale A., Lucatelli P., Wilderk A., Cirelli C., Salvatori F.M.

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## Farrell T.P., Stenson M., Carroll P.A., Griffin M., Connolly E.M., O'Keeffe S.A.

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## Fausto A., Mercuri P., Mantovani L., Volterrani L.

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## Feier D.S., Balassy C., Bastati-Huber N., Stift J., Badea R., Ba-Ssalamah A.

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## Fernandes C.L.D.C., Rodrigues S.I., Abrantes A.F.C.L., Ribeiro L.P.V., Almeida R.P.P., Silva C.A., Azevedo K.B.

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## Fernandez del Valle A., Delgado C., Oca R., Silva N., Tardáguila G.

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## Ferrari F., Miccoli A., Arrigoni F., Giordano A.V., Fascetti E., Mascaretti G., Masciocchi C.

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## Ferré R., Gibon E., Feydy A., Guerini H., Campana R., Zee N., Bourdet C., Hammadouche M., Drapé J.

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## Ferreira C., Martins P., Cunha G., Canário N., Nunes C., Miranda A.C., Ribeiro J., Afonso S., Castelo-Branco M.

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**Feydy A., Bazeli R., Freire V., Elhai M., Wipff J., Job-Deslandre C., Kahan A., Drapé J.**  
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**Feygin T., Pollock A., Stein J., Victoria T.**  
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**Franklin J.M., Hill E.J., Pwint T., Gleeson F.V., Sharma R.A., Anderson E.M.**  
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**Geijer M., Lindqvist U., Husmark T., Alenius G., Larsson P.T., Teleman A., Theander E.**  
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**Geith T., Biffar A., Schmidt G., Sourbron S., Duerr H.R., Reiser M.F., Baur-Melnyk A.**  
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**Gencturk M., Anik Y., Efendi H., Demirci A.**  
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**Gennarelli A., Di Sibio A., Perri M., Di Stasio F., Felli V., Di Luzio M., Giordano A.V., Di Cesare E., Masciocchi C.**  
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## Girometti R., Maieron M., Minighin E., Pullini S., Cereser L., Como G., Bazzocchi M., Zuiani C.

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## Goößen A., Lundqvist M., Erhard K., Fredenberg E.

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## Grothoff M., Sommer P., Piorkowski C., Hoffmann J., Hindricks G., Gutberlet M.

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## Gruber-Rouh T., Naguib N.N.N., Beeres M., Bodelle B., Zangos S., Nour Eldin N., Hammerstingl R., Vogl T.J.

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## Gruber-Rouh T., Weisser P., Naguib N.N.N., Eichler K., Harth M., Zangos S., Nour-Eldin N.-E.A., Vogl T.J.

Repetitive transarterial chemoembolization as a palliative treatment option for liver metastases from cutaneous malignant melanoma: indications, outcomes and role in patient's management (SS 109), B-0033

## Gruber-Rouh T., Naguib N.N.N., Lehnert T., Thalhammer A., Zangos S., Schulz B., Jacobi V., Vogl T.J.

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## Grueneisen J.S., Maderwald S., Heusner T., Kuemmel S., Hauth E.A., Forsting M., Lauenstein T.C., Umutlu L.

CAD-based assessment of therapy monitoring in neoadjuvant chemotherapy of breast cancer (SS 602), B-0456

## Gschmeidler S., Gewessler M.

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## Guenoun J., Ruggiero A., Doeswijk G., Janssens R., Koning G.A., Kotek G., Krestin G.P., Bernsen M.R.

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## Guggenberger R., Pfirrmann C.W., Koch P., Buck F.

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## Guggenberger R., Winklhofer S., Redel T., Korpelaar J., Meier A., von Spiczak J., Andreisek G., Alkadhi H.

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**Gullien R., Andersen J.G., Haakull A.E.**

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**Gullien R., Rostad E., Haakull A.E., Hammond R.L., Hauge M., Taylor K., Andersen J.G.**

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**Habets J., Tanis W., van Herwerden L.A., Mali W.P.T.M., van den Brink R.B.A., de Mol B.A.J.M., Chamuleau S.A.J., Budde R.P.J.**

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**Hanning U., Noelte I., Homann G., Niederstadt T., Hesselmann V., Heindel W., Kemmling A.**

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**Haubenreisser H., Fink C., Apfalter P., Schmidt B., Sedlmair M., Schönborg S.O., Henzler T.**

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**Heijnen L.A., Maas M., Martens M.H., Lambregts D.M.J., Leijtens J.W.A., Deserno W., Beets G.L., Beets-Tan R.G.H.**  
Features on MRI after transanal endoscopic microsurgery in patients with rectal cancer (SS 1316), B-0625

**Heikkilä P., Henner A., Tenkanen-Rautakoski P., Pirinen M., Ahonen S.**  
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**Heusch P., Buchbender C., Sproll C., Terjung J., Scherer A., Antoch G., Handschel J., Heusner T.A.**  
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**Heusch P., Buchbender C., Geiger B., Treffert J., Lauenstein T., Forsting M., Antoch G., Heusner T.A.**  
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**Heusner T.A., Heusch P., Hartung-Knemeyer V., Beiderwellen K., Lauenstein T., Forsting M., Antoch G., Buchbender C.**  
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**Heusner T.A., Riegger C., Kuemmel S., Forsting M., Hartung-Knemeyer V., Antoch G., Buchbender C.**  
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**Heye T., Merkle E.M., Leyendecker J.R., Boll D.T., Gupta R.T.**  
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**Hiwatashi A., Yoshiura T., Togao O., Yamashita K., Kikuchi K., Honda H., Obara M.**  
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**Hohmann J., Müller A., Skrok J., Wolf K., Martegani A., Dietrich C.F., Albrecht T.**  
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**Höink A.J., Persigehl T., Ring J., Mesters R.M., Berdel W.E., Heindel W.L., Bremer C., Schwöppe C.**  
Real-time imaging of the therapeutic response of tumours to anti-vascular treatment in mice by gadofosveset-enhanced MRI (SS 1716), B-0805

**Holli K.K., Suoranta S., Niskanen E., Dastidar P., Eskola H., Vanninen R.**  
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**Homann G., Toschke C.M., Gaßmann P., Hanning U., Heindel W., Vieth V.**  
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**Isberg B., Jorulf H., Svahn U., Richter S., Leitz W.**  
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**Islim F., Salik A.E., Bayramoglu S., Guven K., Alis H., Turhan A.N.**  
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**Kang S.J., Kim H.S., Kim S.J., Choi C.G.**

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**Rabadi K., Mayerhoefer M.E.**

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**Knogler T., Leithner R., Hörnig M., Semturs F.,**

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**Knogler T., Leithner R., Hörnig M.,**

**Waitzbauer M., Semturs F., Langs G.,**

**Homolka P., Pinker-Domenig K., Helbich T.H.**

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**Kobayashi S., Matsui O., Gabata T., Koda W., Minami T., Kozaka K., Kitao A.**

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**Kooi M.E., Gaens M.E., van Hoof R.H.M., Sluimer J.C., Heeneman S., Daemen M.J.A.P., Wildberger J.E., Kwee R.M., Backes W.H.**

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**Krainik A., Attye A., Tropres I., Lamalle L., Le Bas J.**

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**Kröpil P., Heusch P., Schimmöller L., Miese F., Dietrich S., Antoch G., Lanzman R.S.**

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**Krumm P., Zuern C.S., Wurster T.H., Bretschneider C., Mangold S., Klumpp B., May A., Claussen C.D., Kramer U.**

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**Krumm P., Zuern C.S., Wurster T.H., Seeger A., Mangold S., Klumpp B., Claussen C.D., May A., Kramer U.**

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**Kuhn F.P., Hüllner M., Kollias S.S., Von Schulthess G.K., Veit-Haibach P.**

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**Kühn J.P., Hernando D., Völzke H., Reeder S.B., Hosten N., Mensel B., Hegenscheid K., Evert M., Baumeister S.**

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**Kyriakou Y., Koehler C., de Buck S., Nuyens D., Heidebuchel H.**

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**Lee J., Lee H., Kim J., Ahn M., Kang H., Lee K.**  
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**Lee J., Yoon Y., Ji S.**  
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**Lee K.R., Griffith J.F., Ng W.A., Tong M., Nimish S.**  
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**Lee S., Nardo L., Lucas R., Karampinos D., Carballido-Gamio J., Lai A., Ma C.B., Link T., Krug R.**  
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**Lee S., Montaser A., Nardo L., Heilmeier U.R., Aronson B.A.**  
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**Lee S., Nardo L., Lai A., Kumar D., Wyatt C.R., Souza R.B., Lane N.E., Majumdar S., Link T.M.**  
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## Leporq B., Pilleul F., Dumortier J., Guillaud O., Lefort T., Beuf O.

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**Morsbach F., Desbiolles L., Plass A., Leschka S., Schmidt B., Falk V., Alkadhi H., Stolzmann P.**

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**Morsbach F., Bickelhaupt S., Wanner G., Krauss A., Schmidt B., Alkadhi H.**

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**Nakano S., Fujii K., Yoshida M., Kousaka J., Mori Y., Ando T., Tetsuka R., Fukutomi T., Ishiguchi T.**

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**Nakano S., Fujii K., Yoshida M., Kousaka J., Mori Y., Ando T., Tetsuka R., Fukutomi T., Ishiguchi T.**

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**Napoli A., Noce V., Anzidei M., Boni F., Brachetti G., Cartocci G., Bertaccini L., Catalano C., Ciolina F.**

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**Napoli A., Brachetti G., De Oliveira D.S., Cartocci G., Boni F., Noce V., Marsecano C., Tombolini V., Catalano C.**

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**Ohno Y., Seki S., Nishio M., Koyama H., Yoshikawa T., Matsumoto S., Satou S., Sugimura K.**

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**Ovesen C., Christensen H., Abild A., Hansen C., Havsteen I., Nielsen J., Christensen A.**

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### Papadaki E., Simos P., Panou T., Mastorodemos V., Amanakis E., Maris T., Karantanias A., Plaitakis A.

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## Pinker-Domenig K., Gruber S., Bogner W.,

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## Pinker-Domenig K., Baltzer P.A.T., Helbich T.,

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## Pinker-Domenig K.J., Wengert G.J., Bickel H.,

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## Rossi A., Papadopoulou S., Pugliese F., Russo B., Dharampal A., Kitslaar P.H., Petersen S.E., de Feyter P., Krestin G.P.

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## Saam T., Pfefferkorn T., Habs M., Opherck C., Straube A., Dichgans M., Reiser M.F., Nikolaou K., Linn J.

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## Saba L., Di Martino M., Catalano C., Piga M.

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**Schindera S.T., Odedra D., Mercer D., Thippavong S., Chou P., Szucs-Farkas Z., Rogalla P.**

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**Schipper R., Lobbes M.B.I., van Roozendaal L.M., Castro C.J.G., de Vries B., Heuts E.M., Keymeulen K.B.M.I., Smidt M.L., Beets-Tan R.G.H.**

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## Schulz B., Bodelle B., Siebenhandl P., Beeres M., Al-Butmeh F., Frellesen C., Vogl T.J.

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## Singh A.K., Cai W., Imanzadeh A., Saini S., Harris G.

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## Slon P., Etxano J., Viteri G., Simón-Yarza I., Páramo M., García P., Pueyo J.C., Larrache J.

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**Talei Franzesi C.R.G.L., Ippolito D., Bonaffini P.A., Bartolo V., Trattenero C., Sironi S.**

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**Talei Franzesi C.R.G.L., Ippolito D., Bonaffini P.A., Capraro C., Besostri V., Sironi S.**  
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**Talei Franzesi C.R.G.L., Ippolito D., Bonaffini P.A., Fior D., Minutolo O., Sironi S.**  
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**Thierfelder K.M., von Baumgarten L., Klotz E., Baumann A.B., Nikolaou K., Reiser M.F., Sommer W.H.**  
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**Thierfelder K.M., von Baumgarten L., Meinel F.G., Nikolaou K., Strobl F.F., Reiser M.F., Sommer W.H.**  
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**Timmers J., Verbeek A., Pijnappel R., Broeders M., den Heeten G.**  
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**Treittl M., Sadeghi M., Eberhardt K., Maxien D., Reiser M.F.**  
Endovascular treatment of type 1 endoleaks after stent graft repair of aortic aneurysms: effectiveness and safety of the ethylene vinyl alcohol copolymer Onyx as liquid embolic agent (SS 1809), B-0928

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**Trumm C.G., Hoffmann R., Lang R.A., Winter H., Weidenhagen R., Jauch K., Reiser M.F., Spelsberg F.W.**  
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**Trumm C.G., Stahl R., Clevert D., Herzog P., Mindjuk I., Kornprobst S., Hoffmann R., Reiser M.F., Matzko M.**  
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**Tsoumakidou G., Garnon J., Enescu I., Buy X., Gangi A.**  
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**Tudisca C., Meloni A., Giuffrida G., Grassetonio E., Chiodi E., Pietrapertosa A., Lombardi M., Midiri M., Pepe A.**  
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**Tudisca C., Meloni A., Ascoti C., Renne S., Santamaria V.**  
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**Tudisca C., Ricchi P., Meloni A., Grassetonio E., Santodirocco M.**  
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**Turini F.M., Bargellini I., Piaggese A., Cicorelli A., Cervelli R., Iacopi E., Cioni R., Bartolozzi C.**  
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**Tzarouchi L.C., Drougia A., Zikou A., Kosta P., Astrakas L., Andronikou S., Argyropoulou M.I.**  
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**Van de Giessen M., Schaafsma B.E., Kroep J.R., Wasser M.N.J.M., Van de Velde C.J.H., Lelieveldt B.P.F., Dijkstra J., Vahrmeijer A.L.**  
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**van den Boom R., Oei M., Oostveen L.J., Laue H., van Ginneken B., Manniesing R., Prokop M.**  
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**van den Hauwe L., Voormolen M., van der Zijden T., Salgado R., Van Goethem J.W., Parizel P.M.**

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**Van Goethem J., Venstermans C., De Belder F., van den Hauwe L., Parizel P.**  
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**Van Ongeval C., Van Steen A., Postema S., Soens J.**  
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**van Zelst J.C.M., Mus R.D.M., Tan T., Karssemeijer N., Mann R.M.**  
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**Vandecaveye V., Michielsen K., De Keyzer F., Laleman W., Komuta M., Nevens F., Roskams T., Verslype C., Maleux G.**  
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**Vardhanabhuti V., Roobottom C., Ilyas S.**  
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**Vasilevska Nikodinovska V., Samargiski M., Janevska V., K.Kunovska S.**  
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**Vasselli F., Pediconi F., Telesca M., Luciani M., Casali V., Miglio E., Castrignanò A., Catalano C.**  
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**Vasudevan R., Kang M., Gupta R., Bhasin D., Rana S., Khandelwal N.**  
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## Verhaaren B.F.J., Vernooij M.W., de Boer R., Hofman A., Niessen W.J., van der Lugt A., Ikram M.A.

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## Verhaaren B.F.J., Vernooij M.W., Dehghan A., Vrooman H., de Boer R., Niessen W.J., van der Lugt A., Ikram M.A.

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## Vining D.J., Pitici A., Aghenitei I., Popovici C., Jurca M., Rosu R., Tsimberidou A.

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## Viry F., Galanaud D., Mitulescu A., Chaibi Y., Reina V., Leclercq D., Dormont D.

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## Viteri G., Slon P., Etxano J., Aldave G., García-Eulate R., Zubietta J.L., Tejada S., Díez-Valle R., Dominguez P.D.

Survival predictive value of perfusion-weighted MRI relative cerebral blood volume (rCBV) in glioblastoma multiforme adjusted by multiple biomarkers including MGMT promoter methylation (SS 911), B-0514

## Viteri G., Etxano J., Slon P., Rotellar F., Herrero J.I., Benito A., Bilbao J.I.

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## Vogl T.J., Blösser S., Schäfer P., Mbalisike E., Zangos S.

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## Vogl T.J., Qian J., Imlau U., Hamidavi Y., Korkusuz H., Oppermann E., Bechstein W.O.

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## Vogl T.J., Wurz C., Zangos S., Thalhammer A., Schmitz-Rixen T.

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## Vogl T.J., Müller A., Zangos S., Lehnert T.

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## Vogl T.J., von Roden M., Mbalisike E., Zangos S.

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### Weber M.-A., Bloess K., Burkholder I., Bender D., Schmidmaier G., Kauczor H.-U., Schoierer O.

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### Wengert G.J., Vogl W., Helbich T.H., Bickel H., Bogner W., Pinker-Domenig K.

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### Wichmann J.L., Kerl J.M., Lehnert T., Doss M., Vogl T.J., Bauer R.W.

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### Kosanke K., Huber A.M., Rummeny E.J., Botnar R.M.

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### Williams M., Golay S., Weir N.W., Mirsadraee S., Van Beek E.J.R., Reid J., McKillop G., Uren N., Newby D.E.

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## Yoo R., Choi S., Cho H., Kim E., Park J., Myeong W.

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## Yoo R., Lee J., Yoon J., Kim J., Han J., Choi B.

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## Zaccagna F., Napoli A., Cartocci G., Brachetti G., Di Mare L., Boni F., Noce V., Bertaccini L., Catalano C.

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## Zackrisson S., Lång K., Tingberg A., Timberg P., Förnvik D., Dustler M., Andersson I.

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## Zamboni G.A., Ambrosetti M., Pozzi Mucelli R.

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## Zampa V., Pistolesi D., Ortori S., Faggioni L., Marletta M., Bartolozzi C.

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## Ntoulia A., Zampeli F., Pappas E., Ristanis S., Georgoulis A.

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## Zhao Y., Dorrius M., van Ooijen P., Oudkerk M., Vliegenthart R.

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**Zins M., Boulay-Coletta I.**

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